

15-025-21140

7-33s-21w

Well Name:	RANDALL #1		
Company :	MIDCO EXPLORATION INC		
Location - Sec:	7	Twp: 33S	Rge: 21W
County:	CLARK	State: KS	
Date:	01/07/96		

TRILOBITE TESTING L.L.C.

OPERATOR : MIDCO Exploration Inc
 WELL NAME: Randall #1
 LOCATION : 7-33S-21W, Clark Cty KS
 INTERVAL : 5237.00 To 5310.00 ft

DATE 1-07-96
 KB 1925.00 ft TICKET NO: 8926 DST #1
 GR 1919.00 ft FORMATION: MISS.CHESTER
 TD 5310.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13788	13788	2342			PF Fr. 1618 to 1648 hr
SI 60 Range(Psi)	4650.0	4650.0	4995.0	0.0	0.0	IS Fr. 1648 to 1748 hr
SF 60 Clock(hrs)	AK-1	AK-1	ALPIN			SF Fr. 1748 to 1848 hr
FS 180 Depth(ft)	5307.0	5307.0	5249.0	0.0	0.0	FS Fr. 1848 to 2148 hr

	Field	1	2	3	4	
A. Init Hydro	2659.0	2658.0	2658.0	0.0	0.0	T STARTED 1329 hr
B. First Flow	67.0	72.0	37.0	0.0	0.0	T ON BOTM 1616 hr
Bl. Final Flow	116.0	128.0	90.0	0.0	0.0	T OPEN 1618 hr
C. In Shut-in	253.0	242.0	225.0	0.0	0.0	T PULLED 2148 hr
D. Init Flow	72.0	79.0	41.0	0.0	0.0	T OUT 0030 hr
E. Final Flow	72.0	80.0	53.0	0.0	0.0	
F. Fl Shut-in	663.0	661.0	633.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2589.0	2567.0	2561.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 70000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 244.00 ft
						D.P. Length 4978.00 ft

RECOVERY

Tot Fluid 65.00 ft of 65.00 ft in DC and 0.00 ft in DP
 370.00 ft of Gas in pipe
 65.00 ft of Drilling mud

8.00 ft of Pay (est)

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Fair blow, 2" - 5" in diesel

Final Flow -
 Fair to strong blow, 5" - 1' in diesel

SAMPLES: NO
 SENT TO:

MUD DATA-----

Mud Type	CHEMICAL
Weight	9.20 lb/cf
Vis.	52.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	

Amt. of fill	1.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	GOOD
% Porosity	9.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	

Tester GARY PEVOTEAUX
 Co. Rep. TOM WILLIAMS
 Contr. BLUE GOOSE DRLG.
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

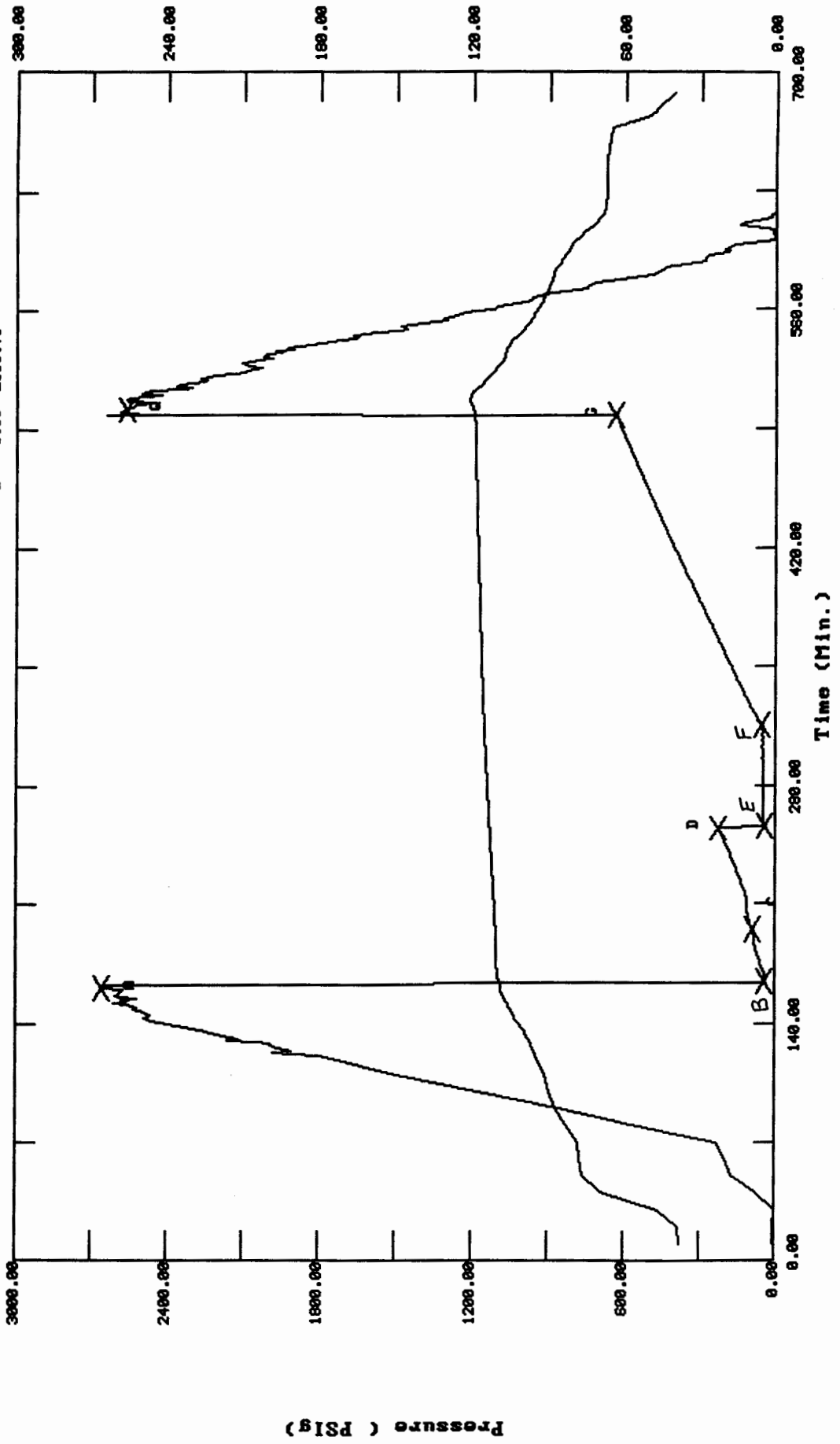
TEST HISTORY

8926 DST #1 RANDALL #1 MIDCO EXPL. INC.

Flag Points

t (Min.) P (PSig)

A1	0.00	2658.87
B1	0.00	37.08
C1	38.08	98.38
D1	68.08	224.92
E1	0.00	41.28
F1	68.08	53.45
G1	182.08	633.23
G1	0.00	2588.71



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8926 DST #1 RANDALL #1 MIDCO EXPL. INC.

DATE: 01/07/96

TIME: 13:29:30

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	161.00	2658.1	0.0	108.46		
***** Start Flow 1	0.00	37.0	0.0	109.06		
	1.00	36.9	-0.1	109.27		
	2.00	37.7	0.7	109.48		
	3.00	39.1	2.1	109.65		
	4.00	39.6	2.6	109.78		
	5.00	41.7	4.7	109.88		
	6.00	45.1	8.1	109.95		
	7.00	47.4	10.4	110.01		
	8.00	49.4	12.4	110.05		
	9.00	52.4	15.4	110.07		
	10.00	55.2	18.2	110.10		
	11.00	58.1	21.1	110.12		
	12.00	60.4	23.4	110.14		
	13.00	62.8	25.8	110.15		
	14.00	65.4	28.4	110.16		
	15.00	67.5	30.5	110.17		
	16.00	69.0	32.0	110.19		
	17.00	71.2	34.2	110.21		
	18.00	73.3	36.3	110.22		
	19.00	74.6	37.6	110.24		
	20.00	76.8	39.8	110.26		
	21.00	78.9	41.9	110.29		
	22.00	80.6	43.6	110.31		
	23.00	81.2	44.2	110.33		
	24.00	80.8	43.8	110.35		
	25.00	80.8	43.8	110.38		
	26.00	82.7	45.7	110.41		
	27.00	85.0	48.0	110.44		
	28.00	87.0	50.0	110.47		
	29.00	89.0	52.0	110.50		
***** End Flow 1	30.00	90.4	53.4	110.53		
***** Start Shutin 1	0.00	90.4	0.0	110.53	0.0000	0.008
	1.00	92.7	2.3	110.57	31.0000	0.009
	2.00	94.8	4.4	110.60	16.0000	0.009
	3.00	96.8	6.5	110.64	11.0000	0.009
	4.00	99.0	8.6	110.68	8.5000	0.01
	5.00	101.0	10.7	110.71	7.0000	0.010
	6.00	102.9	12.5	110.75	6.0000	0.011
	7.00	104.6	14.3	110.80	5.2857	0.011
	8.00	106.6	16.2	110.83	4.7500	0.011
	9.00	107.8	17.5	110.87	4.3333	0.012
	10.00	108.8	18.5	110.91	4.0000	0.012
	11.00	109.9	19.6	110.95	3.7273	0.012
	12.00	110.9	20.6	110.99	3.5000	0.012
	13.00	111.9	21.5	111.03	3.3077	0.013
	14.00	112.8	22.4	111.07	3.1429	0.013
	15.00	113.7	23.3	111.12	3.0000	0.013
	16.00	114.4	24.0	111.15	2.8750	0.013
	17.00	113.7	23.3	111.20	2.7647	0.013
	18.00	113.9	23.5	111.24	2.6667	0.013

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19.00	114.0	23.7	111.28	2.5789	0.013
20.00	115.1	24.8	111.33	2.5000	0.013
21.00	117.9	27.5	111.37	2.4286	0.014
22.00	120.5	30.1	111.41	2.3636	0.015
23.00	123.0	32.6	111.45	2.3043	0.015
24.00	125.6	35.2	111.50	2.2500	0.016
25.00	128.2	37.9	111.54	2.2000	0.016
26.00	130.8	40.4	111.59	2.1538	0.017
27.00	133.3	42.9	111.63	2.1111	0.018
28.00	135.8	45.4	111.67	2.0714	0.018
29.00	138.3	47.9	111.71	2.0345	0.019
30.00	140.9	50.5	111.76	2.0000	0.020
31.00	143.5	53.1	111.80	1.9677	0.021
32.00	146.0	55.6	111.85	1.9375	0.021
33.00	148.6	58.2	111.89	1.9091	0.022
34.00	151.1	60.8	111.93	1.8824	0.023
35.00	153.7	63.3	111.97	1.8571	0.024
36.00	156.3	65.9	112.02	1.8333	0.024
37.00	158.9	68.5	112.06	1.8108	0.025
38.00	161.5	71.1	112.10	1.7895	0.026
39.00	164.2	73.8	112.14	1.7692	0.027
40.00	166.8	76.5	112.19	1.7500	0.028
41.00	169.5	79.1	112.23	1.7317	0.029
42.00	172.5	82.1	112.27	1.7143	0.030
43.00	175.1	84.7	112.31	1.6977	0.031
44.00	177.8	87.5	112.35	1.6818	0.032
45.00	180.5	90.1	112.40	1.6667	0.033
46.00	183.1	92.7	112.43	1.6522	0.034
47.00	185.8	95.4	112.47	1.6383	0.035
48.00	188.4	98.0	112.51	1.6250	0.035
49.00	191.3	100.9	112.56	1.6122	0.037
50.00	193.9	103.6	112.59	1.6000	0.038
51.00	196.9	106.5	112.63	1.5882	0.039
52.00	199.9	109.5	112.67	1.5769	0.040
53.00	202.9	112.5	112.72	1.5660	0.041
54.00	206.0	115.7	112.75	1.5556	0.042
55.00	209.1	118.8	112.79	1.5455	0.044
56.00	212.2	121.9	112.84	1.5357	0.045
57.00	215.4	125.0	112.87	1.5263	0.046
58.00	218.5	128.2	112.91	1.5172	0.048
59.00	221.7	131.3	112.95	1.5085	0.049
***** End Shut-in 1	60.00	224.9	134.5	112.99	0.051
***** Start Flow 2	0.00	41.2	0.0	113.02	
	1.00	44.6	3.4	113.05	
	2.00	43.5	2.3	113.08	
	3.00	43.8	2.6	113.11	
	4.00	44.1	2.9	113.14	
	5.00	46.1	4.9	113.17	
	6.00	44.6	3.4	113.21	
	7.00	44.4	3.2	113.25	
	8.00	43.7	2.5	113.29	

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9.00	45.2	4.0	113.33		
10.00	43.7	2.5	113.36		
11.00	44.5	3.3	113.40		
12.00	44.2	3.0	113.44		
13.00	44.9	3.7	113.49		
14.00	45.2	4.0	113.53		
15.00	44.6	3.4	113.57		
16.00	45.1	3.9	113.61		
17.00	45.5	4.3	113.65		
18.00	46.6	5.4	113.69		
19.00	47.2	6.0	113.74		
20.00	44.9	3.7	113.77		
21.00	45.3	4.1	113.81		
22.00	44.9	3.7	113.85		
23.00	45.8	4.6	113.89		
24.00	46.6	5.4	113.93		
25.00	47.7	6.5	113.98		
26.00	45.4	4.2	114.02		
27.00	45.8	4.6	114.05		
28.00	46.7	5.5	114.09		
29.00	47.6	6.4	114.12		
30.00	46.6	5.4	114.16		
31.00	45.6	4.4	114.20		
32.00	47.0	5.8	114.25		
33.00	48.0	6.8	114.28		
34.00	46.2	5.0	114.32		
35.00	45.9	4.7	114.35		
36.00	47.2	6.0	114.39		
37.00	48.4	7.2	114.42		
38.00	46.6	5.4	114.46		
39.00	47.7	6.5	114.50		
40.00	48.8	7.6	114.53		
41.00	46.4	5.2	114.57		
42.00	46.2	5.0	114.60		
43.00	48.4	7.2	114.63		
44.00	47.2	6.0	114.67		
45.00	46.2	5.0	114.71		
46.00	47.1	5.9	114.74		
47.00	48.7	7.5	114.78		
48.00	47.7	6.5	114.82		
49.00	47.0	5.8	114.85		
50.00	48.4	7.2	114.88		
51.00	48.8	7.6	114.92		
52.00	46.8	5.6	114.95		
53.00	48.3	7.1	114.98		
54.00	49.4	8.2	115.01		
55.00	46.9	5.7	115.05		
56.00	46.9	5.7	115.08		
57.00	48.9	7.7	115.11		
58.00	48.3	7.1	115.15		
59.00	48.1	6.9	115.18		

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** End Flow 2	60.00	53.5	12.3	115.21		
***** Start Shutin 2	0.00	53.5	0.0	115.21	0.0000	0.003
	1.00	58.2	4.8	115.25	91.0000	0.003
	2.00	62.7	9.2	115.27	46.0000	0.004
	3.00	67.0	13.5	115.31	31.0000	0.004
	4.00	70.9	17.5	115.35	23.5000	0.005
	5.00	74.9	21.4	115.38	19.0000	0.006
	6.00	78.5	25.0	115.41	16.0000	0.006
	7.00	82.3	28.9	115.44	13.8571	0.007
	8.00	86.0	32.6	115.47	12.2500	0.007
	9.00	89.6	36.2	115.51	11.0000	0.008
	10.00	93.2	39.8	115.54	10.0000	0.009
	11.00	96.8	43.4	115.56	9.1818	0.009
	12.00	100.4	46.9	115.59	8.5000	0.010
	13.00	103.9	50.4	115.62	7.9231	0.011
	14.00	107.3	53.9	115.66	7.4286	0.012
	15.00	110.9	57.4	115.68	7.0000	0.012
	16.00	114.2	60.8	115.71	6.6250	0.013
	17.00	117.6	64.1	115.74	6.2941	0.014
	18.00	121.0	67.6	115.77	6.0000	0.015
	19.00	124.5	71.1	115.80	5.7368	0.016
	20.00	127.8	74.4	115.82	5.5000	0.016
	21.00	131.3	77.8	115.85	5.2857	0.017
	22.00	134.5	81.1	115.87	5.0909	0.018
	23.00	137.9	84.4	115.89	4.9130	0.019
	24.00	141.2	87.8	115.92	4.7500	0.020
	25.00	144.5	91.1	115.95	4.6000	0.021
	26.00	147.9	94.4	115.97	4.4615	0.022
	27.00	151.1	97.7	116.00	4.3333	0.023
	28.00	154.4	101.0	116.02	4.2143	0.024
	29.00	157.8	104.3	116.05	4.1034	0.025
	30.00	161.1	107.7	116.08	4.0000	0.026
	31.00	164.4	111.0	116.10	3.9032	0.027
	32.00	167.8	114.3	116.12	3.8125	0.028
	33.00	171.0	117.6	116.14	3.7273	0.029
	34.00	174.4	120.9	116.16	3.6471	0.030
	35.00	177.7	124.2	116.19	3.5714	0.032
	36.00	180.9	127.5	116.22	3.5000	0.033
	37.00	184.1	130.7	116.24	3.4324	0.034
	38.00	187.5	134.0	116.26	3.3684	0.035
	39.00	190.7	137.2	116.28	3.3077	0.036
	40.00	193.9	140.5	116.31	3.2500	0.038
	41.00	197.3	143.9	116.33	3.1951	0.039
	42.00	200.4	147.0	116.35	3.1429	0.040
	43.00	203.8	150.3	116.37	3.0930	0.042
	44.00	207.1	153.7	116.39	3.0455	0.043
	45.00	210.4	156.9	116.42	3.0000	0.044
	46.00	213.6	160.1	116.44	2.9565	0.046
	47.00	216.9	163.4	116.46	2.9149	0.047
	48.00	220.1	166.7	116.49	2.8750	0.048
	49.00	223.4	170.0	116.50	2.8367	0.050

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50.00	226.7	173.2	116.53	2.8000	0.051
51.00	229.9	176.4	116.55	2.7647	0.053
52.00	233.1	179.7	116.56	2.7308	0.054
53.00	236.4	183.0	116.59	2.6981	0.056
54.00	239.7	186.2	116.61	2.6667	0.057
55.00	242.9	189.4	116.63	2.6364	0.059
56.00	246.2	192.7	116.66	2.6071	0.061
57.00	249.4	196.0	116.68	2.5789	0.062
58.00	252.6	199.2	116.70	2.5517	0.064
59.00	255.8	202.4	116.72	2.5254	0.065
60.00	259.1	205.6	116.74	2.5000	0.067
61.00	262.3	208.8	116.77	2.4754	0.069
62.00	265.5	212.1	116.78	2.4516	0.071
63.00	268.8	215.4	116.81	2.4286	0.072
64.00	272.1	218.6	116.83	2.4062	0.074
65.00	275.4	221.9	116.85	2.3846	0.076
66.00	278.5	225.0	116.87	2.3636	0.078
67.00	281.8	228.4	116.89	2.3433	0.079
68.00	285.1	231.6	116.91	2.3235	0.081
69.00	288.3	234.8	116.94	2.3043	0.083
70.00	291.5	238.0	116.96	2.2857	0.085
71.00	294.7	241.3	116.98	2.2676	0.087
72.00	298.0	244.6	117.00	2.2500	0.089
73.00	301.2	247.8	117.02	2.2329	0.091
74.00	304.4	250.9	117.04	2.2162	0.093
75.00	307.7	254.2	117.06	2.2000	0.095
76.00	310.9	257.5	117.09	2.1842	0.097
77.00	314.1	260.7	117.10	2.1688	0.099
78.00	317.4	264.0	117.12	2.1538	0.101
79.00	320.6	267.1	117.14	2.1392	0.103
80.00	323.9	270.4	117.16	2.1250	0.105
81.00	327.0	273.5	117.18	2.1111	0.107
82.00	330.2	276.8	117.21	2.0976	0.109
83.00	333.5	280.1	117.23	2.0843	0.111
84.00	336.7	283.3	117.25	2.0714	0.113
85.00	339.9	286.4	117.26	2.0588	0.116
86.00	343.1	289.6	117.29	2.0465	0.118
87.00	346.2	292.7	117.31	2.0345	0.120
88.00	349.6	296.1	117.33	2.0227	0.122
89.00	352.7	299.3	117.34	2.0112	0.124
90.00	355.9	302.5	117.37	2.0000	0.127
91.00	359.2	305.7	117.39	1.9890	0.129
92.00	362.4	308.9	117.41	1.9783	0.131
93.00	365.5	312.0	117.43	1.9677	0.134
94.00	368.7	315.2	117.45	1.9574	0.136
95.00	372.0	318.5	117.47	1.9474	0.138
96.00	375.0	321.5	117.50	1.9375	0.141
97.00	378.3	324.8	117.51	1.9278	0.143
98.00	381.4	328.0	117.53	1.9184	0.145
99.00	384.5	331.0	117.55	1.9091	0.148
100.00	387.7	334.3	117.57	1.9000	0.150

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101.00	390.9	337.5	117.59	1.8911	0.153
102.00	394.0	340.6	117.61	1.8824	0.155
103.00	397.2	343.8	117.63	1.8738	0.158
104.00	400.3	346.9	117.65	1.8654	0.160
105.00	403.4	350.0	117.67	1.8571	0.163
106.00	406.6	353.2	117.69	1.8491	0.165
107.00	409.8	356.4	117.71	1.8411	0.168
108.00	412.9	359.5	117.73	1.8333	0.170
109.00	415.9	362.5	117.76	1.8257	0.173
110.00	419.1	365.7	117.77	1.8182	0.176
111.00	422.3	368.9	117.79	1.8108	0.178
112.00	425.3	371.9	117.82	1.8036	0.181
113.00	428.5	375.1	117.83	1.7965	0.184
114.00	431.6	378.2	117.85	1.7895	0.186
115.00	434.7	381.3	117.87	1.7826	0.189
116.00	437.8	384.4	117.89	1.7759	0.192
117.00	440.9	387.5	117.91	1.7692	0.194
118.00	444.1	390.6	117.93	1.7627	0.197
119.00	447.1	393.6	117.94	1.7563	0.200
120.00	450.2	396.7	117.97	1.7500	0.203
121.00	453.2	399.7	117.98	1.7438	0.205
122.00	456.3	402.9	118.01	1.7377	0.208
123.00	459.4	406.0	118.02	1.7317	0.211
124.00	462.5	409.1	118.04	1.7258	0.214
125.00	465.5	412.1	118.06	1.7200	0.217
126.00	468.6	415.1	118.08	1.7143	0.220
127.00	471.7	418.2	118.09	1.7087	0.222
128.00	474.8	421.3	118.12	1.7031	0.225
129.00	477.8	424.3	118.14	1.6977	0.228
130.00	480.8	427.4	118.15	1.6923	0.231
131.00	483.8	430.4	118.18	1.6870	0.234
132.00	486.9	433.5	118.19	1.6818	0.237
133.00	490.0	436.5	118.21	1.6767	0.240
134.00	493.1	439.6	118.23	1.6716	0.243
135.00	496.2	442.7	118.25	1.6667	0.246
136.00	499.2	445.7	118.27	1.6618	0.249
137.00	502.2	448.8	118.29	1.6569	0.252
138.00	505.2	451.8	118.30	1.6522	0.255
139.00	508.1	454.6	118.32	1.6475	0.258
140.00	511.1	457.7	118.33	1.6429	0.261
141.00	514.0	460.6	118.37	1.6383	0.264
142.00	517.1	463.6	118.38	1.6338	0.267
143.00	520.0	466.6	118.40	1.6294	0.270
144.00	523.1	469.7	118.42	1.6250	0.274
145.00	526.1	472.6	118.44	1.6207	0.277
146.00	529.0	475.5	118.45	1.6164	0.280
147.00	531.9	478.5	118.47	1.6122	0.283
148.00	534.9	481.4	118.49	1.6081	0.286
149.00	537.9	484.4	118.51	1.6040	0.289
150.00	540.9	487.5	118.54	1.6000	0.293
151.00	543.8	490.4	118.54	1.5960	0.296

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8926 DST #1 RANDALL #1 MIDCO EXPL. INC.

DATE: 01/07/96

TIME: 13:29:30

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
152.00	546.8	493.3	118.56	1.5921	0.299
153.00	549.6	496.2	118.58	1.5882	0.302
154.00	552.7	499.2	118.60	1.5844	0.305
155.00	555.6	502.1	118.62	1.5806	0.309
156.00	558.5	505.1	118.64	1.5769	0.312
157.00	561.5	508.0	118.65	1.5732	0.315
158.00	564.4	511.0	118.67	1.5696	0.319
159.00	567.3	513.8	118.70	1.5660	0.322
160.00	570.1	516.7	118.71	1.5625	0.325
161.00	573.1	519.6	118.72	1.5590	0.328
162.00	576.0	522.5	118.74	1.5556	0.332
163.00	578.9	525.5	118.76	1.5521	0.335
164.00	581.9	528.4	118.78	1.5488	0.339
165.00	584.7	531.3	118.79	1.5455	0.342
166.00	587.7	534.2	118.81	1.5422	0.345
167.00	590.5	537.1	118.83	1.5389	0.349
168.00	593.4	540.0	118.85	1.5357	0.352
169.00	596.2	542.8	118.86	1.5325	0.355
170.00	599.1	545.6	118.88	1.5294	0.359
171.00	601.9	548.5	118.89	1.5263	0.362
172.00	604.9	551.5	118.91	1.5233	0.366
173.00	607.7	554.3	118.93	1.5202	0.369
174.00	610.6	557.1	118.94	1.5172	0.373
175.00	613.4	560.0	118.96	1.5143	0.376
176.00	616.2	562.7	118.98	1.5114	0.380
177.00	619.0	565.6	119.00	1.5085	0.383
178.00	621.8	568.4	119.02	1.5056	0.387
179.00	624.8	571.3	119.03	1.5028	0.390
180.00	627.6	574.2	119.06	1.5000	0.394
181.00	630.5	577.0	119.07	1.4972	0.397
***** End Shut-in 2	182.00	633.2	579.8	119.09	0.401
***** Final Hydro.	502.00	2560.7	0.0	119.73	

Test Ticket

N^o 8926

Well Name & No. RANDALL #1 Test No. 1 Date 1-7-96
 Company MIDCO EXPL. INC. Zone Tested MISS CHESTER
 Address 414 PLAZA DRIVE #204 WESTMONT, IL. 60559 Elevation 1925 KB 1919 GL
 Co. Rep / Geo. TOM WILLIAMS Cont. BONE CHOOSE DRUG #1 Est. Ft. of Pay 8 Por. 9 %
 Location: Sec. 7 Twp. 33^S Rge. 21^W Co. CLARK State KS.
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5237 - 5310' Initial Str Wt./Lbs. 10,000 Unseated Str Wt./Lbs. 10,000
 Anchor Length 73' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 85,000
 Top Packer Depth 5232' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 5237' Wt. Pipe I.D. — 2.7 Ft. Run NONE
 Total Depth 5310' Drill Collar — 2.25 Ft. Run 244
 Mud Wt. 9.2 LCM 2[#] Vis. 52 WL 9.6 cc. Drill Pipe Size 4 1/2" x 4 Ft. Run 4978'
 Blow Description IF; Weak to fair blow. (2-5" in diesel)
FF; Fair to strong blow. (5-12" in ~~FF~~ Diesel)

Recovery — Total Feet	Fluid	Ft. in DC	Ft. in WP	Ft. in DP
Rec. <u>370</u>	Feet Of <u>Coin in Pipe</u>	<u>65'</u>		
Rec. <u>65</u>	Feet Of <u>Dry Mud</u>			
Rec. _____	Feet Of _____			
Rec. _____	Feet Of _____			
Rec. _____	Feet Of _____			

BHT 119 °F Gravity N.A. °API D₆₀ ~ °F Corrected Gravity N.A. °API

RW N.C. @ ~ °F Chlorides 5,000 ppm Recovery Chlorides 4,500 ppm System

(A) Initial Hydrostatic Mud 2658 ^{alpine} 2659 PSI Recorder No. 13788 T-Started 1329
 (B) First Initial Flow Pressure 37 67 PSI @ (depth) 5307 T-Open 1618
 (C) First Final Flow Pressure 93 116 PSI ^{alpine} Recorder No. 2342 T-Pulled 2148
 (D) Initial Shut-in Pressure 225 253 PSI @ (depth) 5249' T-Out 0030
 (E) Second Initial Flow Pressure 41 72 PSI Recorder No. ~
 (F) Second Final Flow Pressure 53 72 PSI @ (depth) ~
 (G) Final Shut-in Pressure 633 663 PSI Initial Opening 30 Test 700⁰⁰
 (H) Final Hydrostatic Mud 2561 2589 PSI Initial Shut-in 60 Jars 200⁰⁰

Final Flow 60 Safety Joint 50
 Final Shut-in 180 Straddle _____
 _____ Circ. Sub _____
 _____ Sampler _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Thomas M. Williams
 Our Representative Gary Roberts

Extra Packer _____
 Elect. Rec. 150⁰⁰
 Other _____
 TOTAL PRICE \$ 1100⁰⁰

Well name Pandall

DST. # 1

Recorder # 13788

A	2.299	2658	1
B	.062	72	2
C	.110	128	3
D	.208	242	4
E	.068	79	5
F	.069	80	6
G	.570	661	7
H	2.221	2567	8
			9
			1
			1
			1